Status of the Claims:

Claims 1, 2, 5-7, 11-16, 18-20 and 24 are now pending;

Claims 13, 16 and 18-20 are previously presented;

Claims 1, 7, 11, 15 and 24 are currently amended;

Claims 2, 5-6, 12, 14 are original.

Please amend the claims as set forth below:

1. (Currently amended) A method for providing location identification signals, said location identification signals useful for determining location of a mobile asset in a communication network, said method comprising:

waiting a predetermined period of time;

detecting the presence of radio frequency energy on a first channel in a first cell of a cellular network;

if said radio frequency energy is substantially less than a predetermined threshold, transmitting said location identification signals on said first channel;

if said radio frequency energy on said first channel is not substantially less than said threshold, detecting the presence of radio frequency energy on a second channel in a second cell of said cellular network; and

if radio frequency energy on said second channel is substantially less than a predetermined threshold, transmitting said location identification signals on said second channel.

2. (Original) The method of claim 1 wherein said transmitting comprises transmitting an 802.11 data packet.

3. (Canceled)

4. (Canceled)

5. (Original) The method of claim 1 wherein said detecting comprises using an energy detector.

6. (Original) The method of claim 1 wherein said transmitting comprises transmitting asset identification information.

7~~.~~ (Original) The method of claim 1 wherein said transmitting comprises transmitting at least one information sequence selected for time-of-arrival estimation.

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Currently amended) A method for providing location identification signals, said location identification signals useful for determining location of a mobile asset in a communication network, said method comprising:

receiving a wake-up signal from a transmitter in said network;

detecting the presence of radio frequency energy on a first channel in a first cell of a cellular network in response to said wake-up signal;

if said radio frequency energy is substantially less than a predetermined threshold, transmitting said location identification signals on said first channel~~.~~;

if said radio frequency energy on said first channel is not substantially less than said threshold, detecting the presence of radio frequency energy on a second channel in a second cell of said cellular network; and

if radio frequency energy on said second channel is substantially less than a predetermined threshold, transmitting said location identification signals on said second channel.

12. (Original) The method of claim 11 wherein said transmitting comprises transmitting an 802.11 data packet.

13. (Previously presented) The method of claim 11 wherein said transmitting comprises transmitting asset identification information.

14. (Original) The method of claim 11 wherein said transmitting comprises transmitting at least one information sequence selected for time-of-arrival estimation.

15. (Currently amended) A mobile unit for providing location identification signals, said location identification signals useful for determining location of a mobile asset in a communication network, said mobile unit comprising:

a transmitter;

a controller for delaying a predetermined period of time;

a receiver for detecting the presence of radio frequency energy on a first channel in a first cell of a cellular network in response to said controller;

wherein said controller is responsive to said receiver, if said radio frequency energy is substantially less than a predetermined threshold, to cause said transmitter to transmit said location identification signals on said first channel:

wherein said controller is responsive to said receiver, if said radio frequency energy on said first channel is not substantially less than said threshold, to cause said receiver to detect the presence of radio frequency energy on a second channel in a second cell of said cellular network; and

wherein said controller is responsive to said receiver, if radio frequency energy on said second channel is substantially less than a predetermined threshold, to cause said transmitter to transmit said location identification signals on said second channel.

16. (Previously presented) The mobile unit of claim 15 wherein said transmitter is configured to transmit an 802.11 data packet.

17. (Canceled)

18. (Previously presented) The mobile unit of claim 15 wherein said receiver comprises an energy detector.

19. (Previously presented) The mobile unit of claim 15 wherein said transmitter is configured to transmit asset identification information.

20. (Previously presented) The mobile unit of claim 15 wherein said transmitter is configured to transmit at least one information sequence selected for time-of-arrival estimation.

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Currently amended) A mobile unit for providing location identification signals, said location identification signals useful for determining location of a mobile asset in a communication network, said mobile unit comprising:

a receiver;

a transmitter; and

a controller;

wherein said controller is responsive to wake up signals received by said receiver to operate said receiver to determine if radio frequency energy in a first channel in a first cell of a cellular network is substantially less than a predetermined threshold, and to cause said transmitter to transmit said location identification signals on said first channel if radio frequency energy in said first channel is substantially less than a predetermined threshold:

wherein said controller is responsive to said receiver, if said radio frequency energy in said first channel is not substantially less than said threshold, to cause said receiver to detect the presence of radio frequency energy in a second channel in a second cell of said cellular network; and

wherein said controller is responsive to said receiver, if radio frequency energy in said second channel is substantially less than a predetermined threshold, to cause said transmitter to transmit said location identification information on said second channel.